

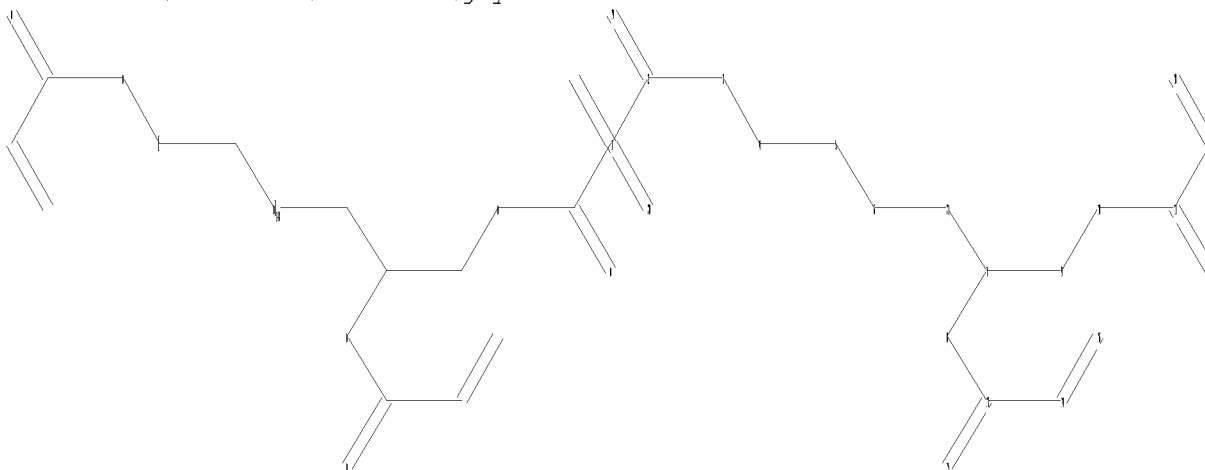
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=>

Uploading C:\Documents and Settings\mpepitone\My Documents\ChemDraw\10562239\gly4t.str



ring/chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

ring/chain bonds :

1-20 1-2 2-3 2-19 3-4 4-5 5-6 6-21 7-9 7-8 7-21 8-13 9-10 10-11 11-12
11-17 12-18 13-14 13-15 14-16

exact/norm bonds :

1-20 1-2 4-5 7-9 7-21 11-12 12-18 13-14 14-16

exact bonds :

2-3 2-19 3-4 5-6 6-21 7-8 8-13 9-10 10-11 11-17 13-15

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS

=> s l1 sss full
FULL SEARCH INITIATED 11:52:43 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1041749 TO ITERATE

100.0% PROCESSED 1041749 ITERATIONS 154 ANSWERS
SEARCH TIME: 00.00.05

L2 154 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 187.80 188.24

FILE 'CAPLUS' ENTERED AT 11:53:21 ON 19 OCT 2009
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FILE LAST UPDATED: 18 Oct 2009 (20091018/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

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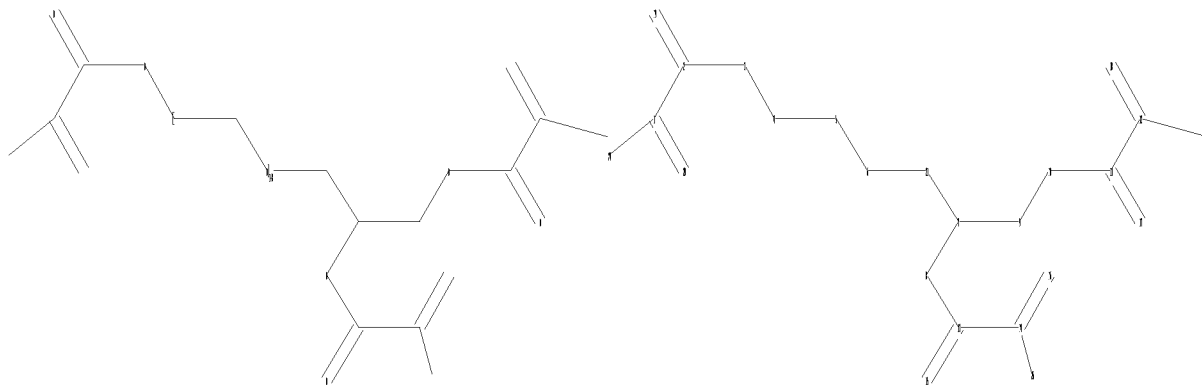
<http://www.cas.org/legal/infopolicy.html>

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=> s l2
L3 81 L2

=> d ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 81 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 81 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:1104840 CAPLUS
DOCUMENT NUMBER: 151:339333
TITLE: Polyfunctional acrylate polymer radiation-curable hard coatings with good transparency and scratch resistance and resin films coated with them
INVENTOR(S): Sakai, Masaru
PATENT ASSIGNEE(S): Sanyo Chemical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 16pp.
CODEN: JKXXAF



```

chain nodes :
24 25 26
ring/chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
chain bonds :
1-24 12-25 14-26
ring/chain bonds :
1-20 1-2 2-3 2-19 3-4 4-5 5-6 6-21 7-9 7-8 7-21 8-13 9-10 10-11 11-12
11-17 12-18 13-14 13-15 14-16
exact/norm bonds :
1-20 1-2 4-5 7-9 7-21 11-12 12-18 13-14 14-16
exact bonds :
1-24 2-3 2-19 3-4 5-6 6-21 7-8 8-13 9-10 10-11 11-17 12-25 13-15 14-26

```

```

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 24:CLASS 25:CLASS 26:CLASS

```

L4 STRUCTURE UPLOADED

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=> s l4 sss full
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FULL SCREEN SEARCH COMPLETED - 981172 TO ITERATE

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100.0% PROCESSED 981172 ITERATIONS
SEARCH TIME: 00.00.05

23 ANSWERS

L5 23 SEA SSS FUL L4

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

185.88

832.46

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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0.00

-66.42

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USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

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=> s 15

L6 22 L5

=> d ibib abs hitstr 1-

YOU HAVE REQUESTED DATA FROM 22 ANSWERS - CONTINUE? Y/(N):y

L6 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:336313 CAPLUS

DOCUMENT NUMBER: 150:215015

TITLE: Synthesis of poly(sorbitan methacrylate) hydrogel by free-radical polymerization

AUTHOR(S): Jeong, Gwi-Taek; Lee, Kyoung-Min; Yang, Hee-Seung; Park, Seok-Hwan; Park, Jae-Hee; Sunwoo, Changshin; Ryu, Hwa-Won; Kim, Doman; Lee, Woo-Tae; Kim, Hae-Sung; Cha, Wol-Seog; Park, Don-Hee

CORPORATE SOURCE: School of Biological Sciences and Technology, Chonnam National University, Gwangju, 500-757, S. Korea

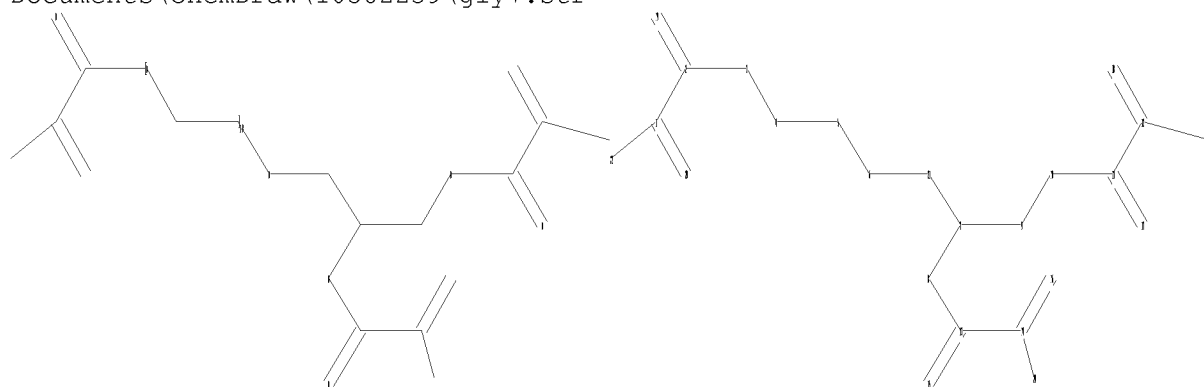
SOURCE: Applied Biochemistry and Biotechnology (2007), 137-140, 935-946

CODEN: ABIBDL; ISSN: 0273-2289

<http://www.cas.org/support/stngen/stndoc/properties.html>

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Documents\ChemDraw\10562239\gly7.str



chain nodes :

22 23 24

ring/chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

chain bonds :

1-22 12-23 14-24

ring/chain bonds :

1-20 1-2 2-3 2-19 3-4 4-5 5-6 6-21 7-9 7-8 7-21 8-13 9-10 10-11 11-12
11-17 12-18 13-14 13-15 14-16

exact/norm bonds :

1-20 1-2 4-5 7-9 7-21 11-12 12-18 13-14 14-16

exact bonds :

1-22 2-3 2-19 3-4 5-6 6-21 7-8 8-13 9-10 10-11 11-17 12-23 13-15 14-24

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS

L1 STRUCTURE UPLOADED

=> s l1 sss full

FULL SEARCH INITIATED 12:58:23 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 981172 TO ITERATE

100.0% PROCESSED 981172 ITERATIONS
SEARCH TIME: 00.00.07

23 ANSWERS

L2 23 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

186.84

187.06

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FILE LAST UPDATED: 18 Oct 2009 (20091018/ED)

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=> s 12

L3 22 L2

=> d ibib abs hitstr 1-

YOU HAVE REQUESTED DATA FROM 22 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:336313 CAPLUS

DOCUMENT NUMBER: 150:215015

TITLE: Synthesis of poly(sorbitan methacrylate) hydrogel by free-radical polymerization

AUTHOR(S): Jeong, Gwi-Taek; Lee, Kyoung-Min; Yang, Hee-Seung; Park, Seok-Hwan; Park, Jae-Hee; Sunwoo, Changshin; Ryu, Hwa-Won; Kim, Doman; Lee, Woo-Tae; Kim, Hae-Sung; Cha, Wol-Seog; Park, Don-Hee

CORPORATE SOURCE: School of Biological Sciences and Technology, Chonnam National University, Gwangju, 500-757, S. Korea

SOURCE: Applied Biochemistry and Biotechnology (2007), 137-140, 935-946

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 OCT 2009 HIGHEST RN 1189088-37-6
DICTIONARY FILE UPDATES: 19 OCT 2009 HIGHEST RN 1189088-37-6

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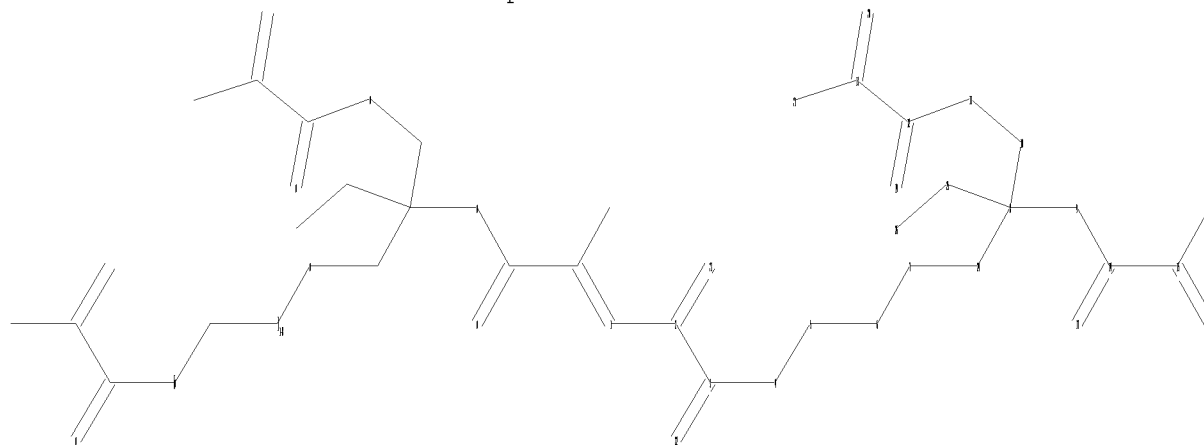
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ring/chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
24 25 26

ring/chain bonds :

1-2 2-3 2-23 3-22 3-4 4-5 5-6 6-7 7-24 8-10 8-9 8-24 8-25 9-14 10-11
11-12 12-13 12-19 13-20 13-21 14-15 14-17 15-16 15-18 25-26

exact/norm bonds :

1-2 2-3 2-23 5-6 8-10 8-24 8-25 12-13 13-20 13-21 14-15 15-16 15-18
25-26

exact bonds :
3-22 3-4 4-5 6-7 7-24 8-9 9-14 10-11 11-12 12-19 14-17

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS
26:CLASS

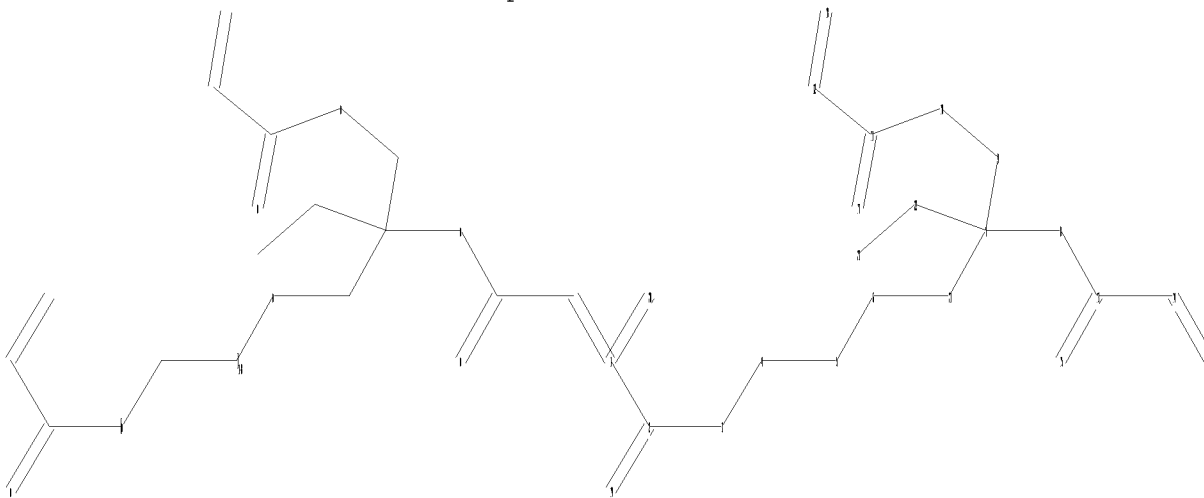
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100.0% PROCESSED 290342 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.04

L2 0 SEA SSS FUL L1

=>
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Documents\ChemDraw\10562239\tmopa.str



ring/chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
ring/chain bonds :
1-20 1-2 2-19 2-3 3-4 4-5 5-6 6-21 7-9 7-8 7-21 7-22 8-13 9-10 10-11
11-12 11-17 12-18 13-14 13-15 14-16 22-23

exact/norm bonds :
1-20 1-2 4-5 7-9 7-21 7-22 11-12 12-18 13-14 14-16 22-23
exact bonds :
2-19 2-3 3-4 5-6 6-21 7-8 8-13 9-10 10-11 11-17 13-15

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS

L3 STRUCTURE UPLOADED

=> s l3 sss full
FULL SEARCH INITIATED 14:36:40 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 295044 TO ITERATE

100.0% PROCESSED 295044 ITERATIONS 8 ANSWERS
SEARCH TIME: 00.00.04

L4 8 SEA SSS FUL L3

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COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 371.76 371.98

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REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
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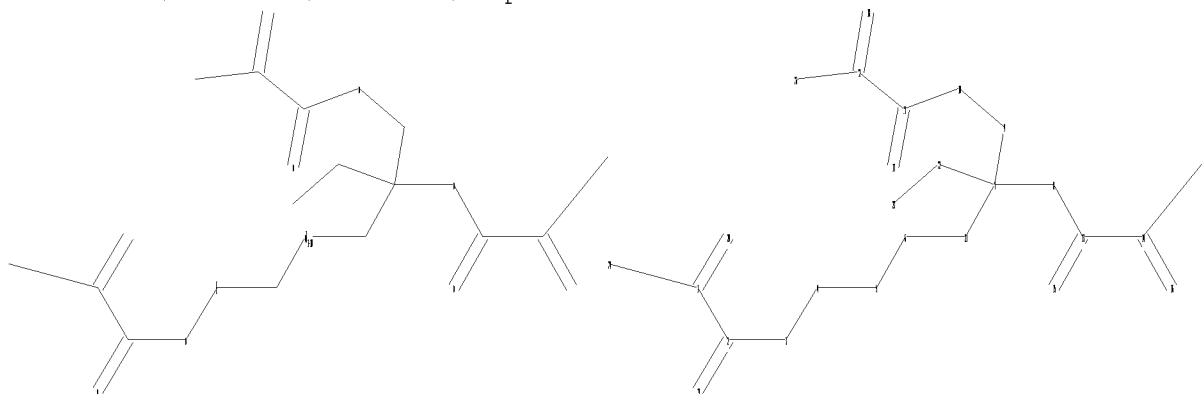
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chain nodes :

24 25 26

ring/chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

chain bonds :

1-24 12-26 14-25

ring/chain bonds :

1-20 1-2 2-19 2-3 3-4 4-5 5-6 6-21 7-9 7-8 7-21 7-22 8-13 9-10 10-11
11-12 11-17 12-18 13-14 13-15 14-16 22-23

exact/norm bonds :

1-20 1-2 4-5 7-9 7-21 7-22 11-12 12-18 13-14 14-16 22-23

exact bonds :

1-24 2-19 2-3 3-4 5-6 6-21 7-8 8-13 9-10 10-11 11-17 12-26 13-15 14-25

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS
26:CLASS

L6 STRUCTURE UPLOADED

=> s l6 sss full

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FULL SCREEN SEARCH COMPLETED - 290342 TO ITERATE

100.0% PROCESSED 290342 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.04

L7 0 SEA SSS FUL L6

=> log

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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593.20

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-4.92

STN INTERNATIONAL LOGOFF AT 14:39:09 ON 20 OCT 2009